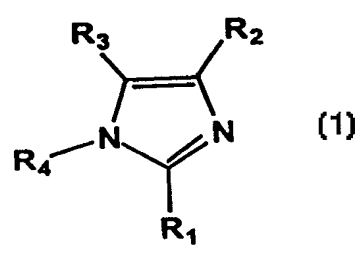




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<b>(51) International Patent Classification <sup>6</sup> :</b> <b>A61K 31/415, C07D 233/02, 233/04, 233/56, 233/61</b>	<b>A1</b>	<b>(11) International Publication Number:</b> <b>WO 99/02155</b> <b>(43) International Publication Date:</b> 21 January 1999 (21.01.99)
<b>(21) International Application Number:</b> PCT/US98/13926 <b>(22) International Filing Date:</b> 6 July 1998 (06.07.98)  <b>(30) Priority Data:</b> 08/890,911                      9 July 1997 (09.07.97)                      US  <b>(71) Applicant:</b> ONTOGEN CORPORATION [US/US]; 6451 El Camino Real, Carlsbad, CA 92009 (US).  <b>(72) Inventors:</b> MJALLI, Adnan; 7393 Wolf Spring Terrace Trace, Louisville, KY 40241 (US). ZHANG, Chengzhi; 3402 Calle Cancuma, Carlsbad, CA 92009 (US).  <b>(74) Agent:</b> CHOW, Frank, S.; Ontogen Corporation, 6451 El Camino Real, Carlsbad, CA 92009 (US).		<b>(81) Designated States:</b> AU, CA, JP, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).  <b>Published</b> <i>With international search report.</i>
<b>(54) Title:</b> IMIDAZOLE DERIVATIVES AS MDR MODULATORS  <b>(57) Abstract</b> <p>The present invention relates to imidazole derivatives having formula (1) or its pharmaceutically acceptable salts. These compounds are useful for restoring the sensitivity of multidrug resistant cells to cancer chemotherapeutic agents.</p> <div style="text-align: right; margin-right: 100px;">  </div>		































































































































































































































































